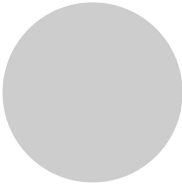




Surface mounting enclosure, 8 mounting locations

Part no. I8
 Catalog No. 046299
 Alternate Catalog No. I8

Delivery program

| | | | |
|--|--|-------------------|--|
| | | | for conventional wiring With moulded cover fixing screws |
| Colour | | | |
| | | |  |
| Number of locations | | Qty. | 8 |
| Cable entry knockouts | | Quantity x M20 | 4 (Bottom) 7 (Side) |
| Colour | | | Enclosure base RAL 9005, black |
| Single unit/Complete unit | | | Single unit |
| Degree of Protection | | | IP65 |
| Connection to SmartWire-DT | | | no |
| Notes | | | |
| Unused locations must be closed off with blanking plates. | | | |
| Each used mounting location must be fitted with a label mount. | | | |

Design verification as per IEC/EN 61439

| | | | |
|--|-----------------|----|--|
| Technical data for design verification | | | |
| Static heat dissipation, non-current-dependent | P _{vs} | W | 0 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 60 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 10.2.2 Corrosion resistance | | | Meets the product standard's requirements. |
| 10.2.3.1 Verification of thermal stability of enclosures | | | Meets the product standard's requirements. |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat | | | Meets the product standard's requirements. |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects | | | Meets the product standard's requirements. |
| 10.2.4 Resistance to ultra-violet (UV) radiation | | | Please enquire |
| 10.2.5 Lifting | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 Mechanical impact | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.7 Inscriptions | | | Meets the product standard's requirements. |
| 10.3 Degree of protection of ASSEMBLIES | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 Clearances and creepage distances | | | Meets the product standard's requirements. |
| 10.5 Protection against electric shock | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 Internal electrical circuits and connections | | | Is the panel builder's responsibility. |
| 10.8 Connections for external conductors | | | Is the panel builder's responsibility. |
| 10.9 Insulation properties | | | |
| 10.9.2 Power-frequency electric strength | | | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage | | | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material | | | Is the panel builder's responsibility. |
| 10.10 Temperature rise | | | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |

| | | | |
|-------------------------------------|--|--|--|
| 10.11 Short-circuit rating | | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility | | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 Mechanical function | | | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

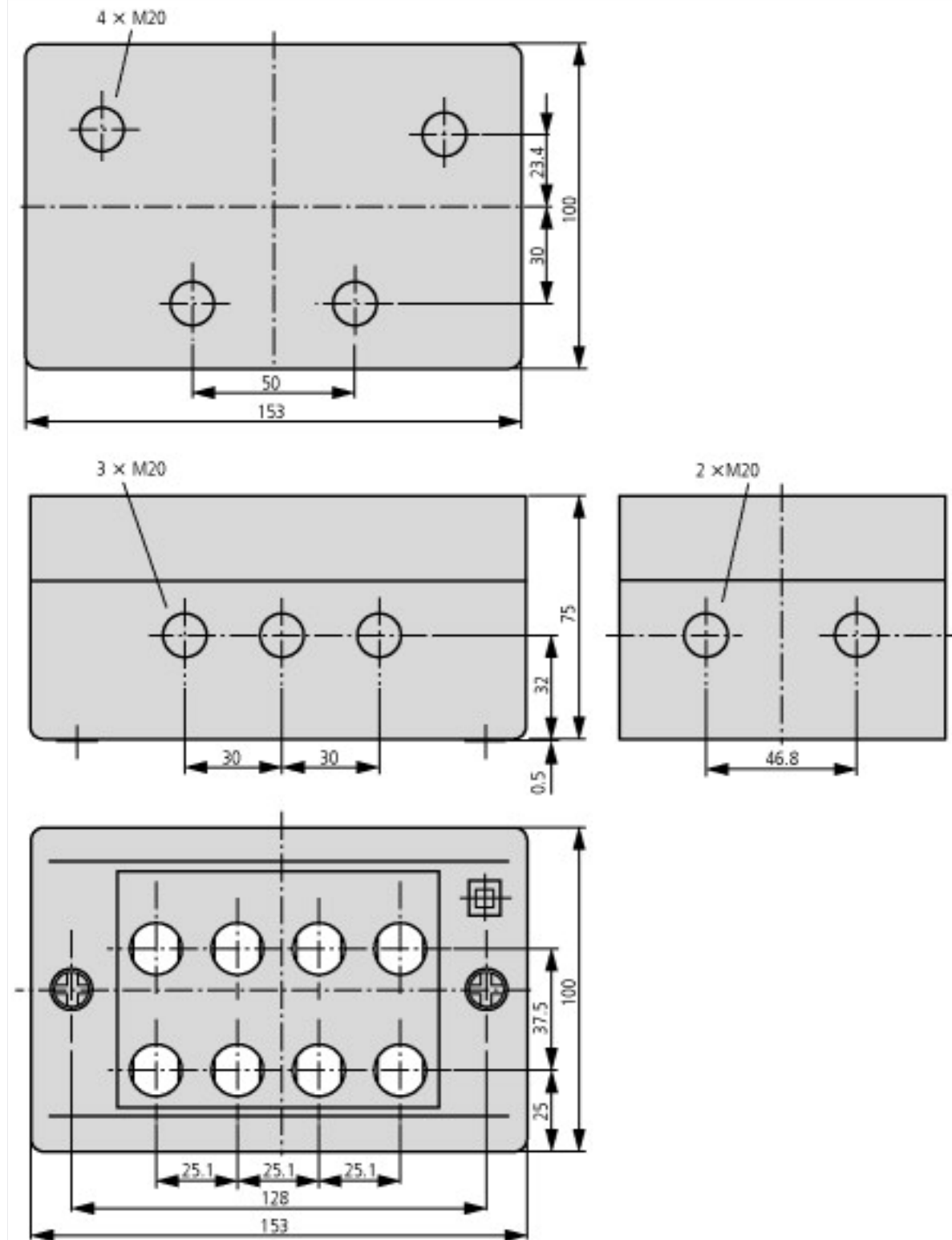
Technical data ETIM 7.0

| | | | |
|---|--|----|--------------------------|
| Low-voltage industrial components (EG000017) / Enclosure for control circuit devices (EC000200) | | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Housing for command and alarm devices (ecI@ss10.0.1-27-37-12-05 [AKF023014]) | | | |
| Number of command positions | | | 8 |
| Construction type housing | | | Surface mounting housing |
| Material housing | | | Plastic |
| Material quality housing | | | Other |
| Diameter openings | | mm | 16 |
| Colour housing cover | | | Grey |
| Degree of protection (IP) | | | IP65 |
| Degree of protection (NEMA) | | | 1 |
| Width | | mm | 153 |
| Height | | mm | 75 |
| Depth | | mm | 100 |

Approvals

| | | | |
|-----------------------------|--|--|---|
| Product Standards | | | IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CE marking |
| UL File No. | | | E29184 |
| UL Category Control No. | | | NKCR |
| CSA File No. | | | 46552 |
| CSA Class No. | | | 3211-03 |
| North America Certification | | | UL listed, CSA certified |
| Degree of Protection | | | UL/CSA Type 1 |

Dimensions



Fixing holes: 2 x \varnothing 4.5 mm
Distance: 128 mm

Assets (links)

Declaration of CE Conformity

00002898

Instruction Leaflets

IL04716016Z2018_05

Additional product information (links)

IL04716016Z (AWA1160-1429) Mounting of components

IL04716016Z (AWA1160-1429) Mounting of components

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716016Z2018_05.pdf